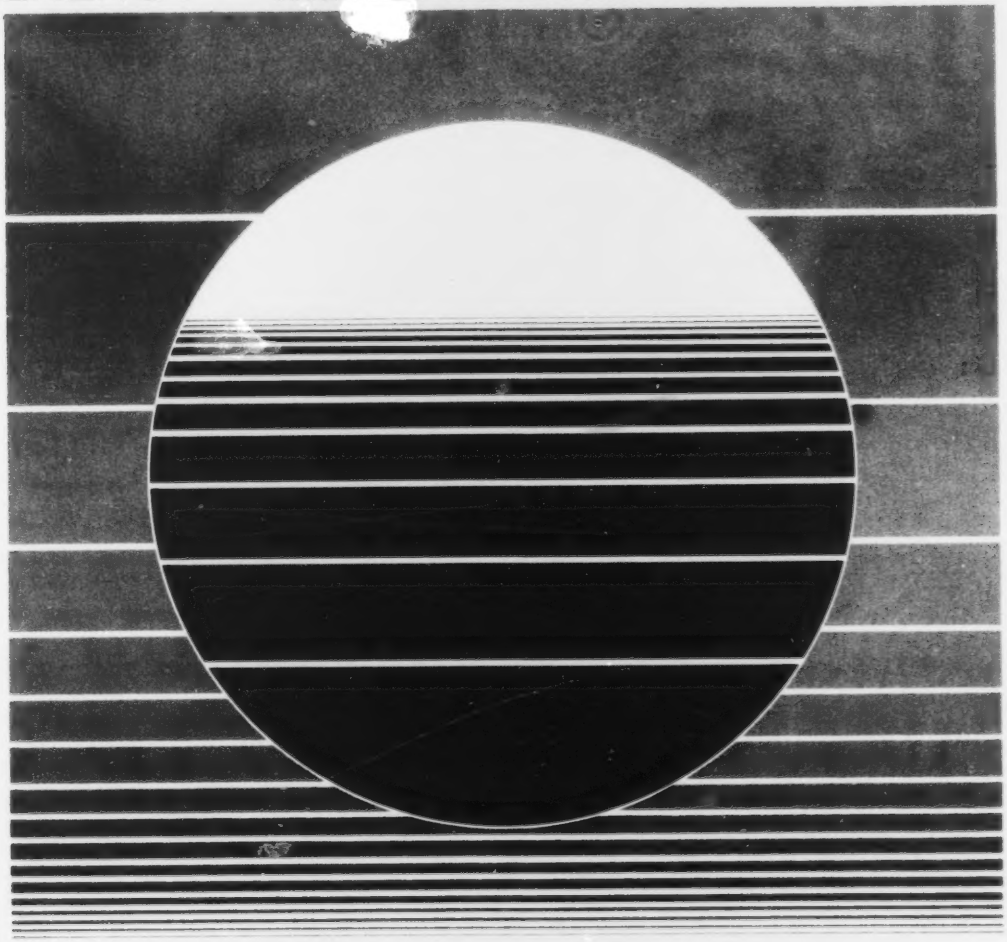
1989 ENERGY AND MINES BIBLIOGRAPHY

ENERGY AND MINES INFORMATION CENTRE



Manitoba
Energy and Mines
Communications
Community Relations

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INTRODUCTION

In 1980, Manitoba Energy and Mines opened the Energy Information Centre to help Manitobans find energy answers. Since that time the Info Centre has provided Manitoba homeowners, business people, educators and students with practical information on the efficient and economical use of energy.

In 1984, with the consolidation of the department's Energy and Mines Divisions, the Info Centre expanded its capability to include minerals and mining information. While retaining our traditional stock of energy information, we added stock publications for the layperson on the history and location of Manitoba minerals and mining operations. Since then, we have added a complete inventory of mineralogical reports and maps for the professional geologist. While these latter items are not listed in this bibliography, a price list (see page 7) is available upon request.

For easy reference, we have compiled this bibliography of energy publications, videotapes and audiotapes, and introductory geological materials available at the Info Centre. Categorized by subject area - such as hydro power, non-renewables, minerals, home heating and transportation - each publication is listed alphabetically by name.

Due to the limited quantities of many publications, bulk orders and out-of-province requests should be directed to the source (see Appendix C).

All inquiries and arrangements can be made by contacting:

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Winnipeg, Manitoba
R3C 4E3

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TDD: (204)945-4511
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AGRICULTURE

Agricultural Air-to-Air Heat Exchanger. Manitoba Energy and Mines. (1985) 51 pp. + Appendix. *The final report of an agricultural air-to-air heat exchanger installed in a livestock barn to test heat recovery and improved health conditions for animals. Project #44 (83-163) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Farm Building Air-to-Air Heat Exchanger. Manitoba Energy and Mines. (1984) 1 p. *The installation of an air-to-air heat exchanger in a livestock barn to demonstrate heat recovery and improved health conditions for animals. Project #44 (83-163) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Saving Energy And Dollars On The Farm. Agriculture Canada. (1985) 102 pp. *Compilation of technical information on agricultural energy management concerning the farmstead, farm home, transportation, equipment, crop production, livestock production as well as renewable energy sources.*

ANNUAL REPORT

Energy And Mines Annual Report 1987-88. Manitoba Energy and Mines. (1988) 60 pp. *Annual report of the Department of Energy and Mines for the fiscal year ending March 31, 1988. The report contains a descriptive and statistical record of activities and achievements in the mineral and energy sectors during the year.*

BIOMASS & ALTERNATIVE ENERGY

Atlantic Wind Test Site. Atlantic Wind Test site. (1980) 1 p. *Performance and research from the Atlantic Wind Test site in Prince Edward Island.*

Ethanol From Potato Wastes. Manitoba Energy & Mines. Energy, Mines & Resources Canada. Carnation Foods. (1988) 122 pp. *Report on production of fuel or food industrial grade ethanol from potato wastes at the Carnation Foods Carberry, Manitoba plant.*

Exploring Energy 2 - Bioenergy. Energy, Mines and Resources Canada. (1984) 21 pp. *Bioenergy resources and their technologies in Canada.*

Exploring Energy 3 - Geothermal Energy. Energy, Mines and Resources Canada. (1983) 21 pp. *An outline of Canada's geothermal resources.*

Genstar Cement Limited Use Of Agricultural Wastes As Supplementary Kiln Fuels. Manitoba Energy and Mines. (1984) 2 pp. *A project to determine the efficiency and feasibility of burning flax shives as a cement kiln fuel supplement.Project #39 (82-145) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Geothermal Energy And Our Environment. United States Department of Energy. 2 pp. *Picturesque description of how geothermal energy is produced.*

Renewable Energy Fact Sheets. Energy, Mines, & Resources Canada. (1988) 14 Fact Sheets. *Fact Sheets on solar energy, small hydro projects; photo-voltaics, micro-hydro and wind energy.*

COMMERCIAL, INDUSTRIAL & RECREATIONAL ENERGY

Agricultural Wastes As Cement Kiln Fuels: Genstar Cement Ltd. Manitoba Energy and Mines. (1985) 19 pp. *The final report outlining the efficiency of using waste flax shives as a fuel to replace natural gas, at Genstar Cement Ltd., Winnipeg, Manitoba. Project #39 (82-145) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Bristol Aerospace Limited Dual Fired Energy Efficient Boiler System. Final Report - March 1988. Manitoba Energy and Mines. Energy, Mines and Resources Canada. (1988) 48 pp. *A report on the energy savings of a boiler system designed by Bristol Aerospace in conjunction with Volcano Inc., a Canadian boiler manufacturer.*

Canadian Industry Program For Energy Conservation 1987. Energy, Mines and Resources Canada. (1988) 84 pp. *Annual report on Energy Consumption in the Industrial Sector in Canada.*

Cogeneration And Waste Heat Recovery. Manitoba Energy and Mines. (1982) 30 pp. *The final report of a study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba.Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Community Arena Retrofits. Manitoba Energy and Mines. (1983) 1 p. *Six arenas throughout Manitoba will implement retrofit measures such as modified electrical control systems and waste heat recovery,*

to demonstrate the effectiveness of these conservation techniques to other community arenas. Project #29 (82-119) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

Computer Controlled Energy Management System: Rolling River School Division #39. Manitoba Energy & Mines. (1985) 27 pp. *The final report of a computerized energy management system installed at the Rolling River School Division. Project #38 (82-144) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Computerized Energy Management System. Manitoba Energy and Mines. (1983) 1 p. *The installation of a computerized energy management system at the Rolling River School Division. Estimated annual energy savings $35,600.00. Project #38 (82-144) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Demonstrating Energy Efficiency In Industry: The Manitoba Rolling Mills Experience. Manitoba Energy and Mines. (1985) 6 pp. *A general outline of the heat recovery unit and furnace control system installed at the Manitoba Rolling Mills Plant in Selkirk, Manitoba. Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Direct Contact Flue Gas Heat Recuperator. Manitoba Energy and Mines. (1985) 30 pp.*The final report of a waste heat recuperator system installed at the Winnipeg Canada Packers plant. Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Direct Contact Heat Recuperator. Manitoba Energy and Mines. (1982) 1 p. *The installation of a heat recuperator for the purpose of using waste heat from boiler flue gases to heat recirculating water in the Winnipeg Canada Packers plant. Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

District Heating Study. Manitoba Energy and Mines. (1982) 1 p. *Phase Two of a study to determine the viability of district heating for downtown Winnipeg. Project #13 (80-22) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Energy Bus (The) - Helping Business And Institutional Energy Users Cut Costs. Manitoba Energy and Mines. (1986) 2 pp. *A brief description of the on-site energy audit program for business, industrial and community organizations.*

Energy Conservation For Indoor Ice Rinks. Manitoba Energy and Mines. Energy, Mines and Resources Canada. (1984) 70 pp. *A manual outlining indoor ice rink retrofits throughout Manitoba. Retrofits include general insulation, upgrading the ice plant, heating and ventilation system, plus the water, light and electrical systems.*

Energy Conservation For Indoor Pools. Manitoba Energy and Mines. Energy, Mines and Resources Canada. (1984) 65 pp. *A manual outlining indoor pool retrofits throughout Manitoba. Retrofits include general insulating and upgrading of heating, ventilating, lighting and electrical systems.*

Energy Management Division (The). Manitoba Energy and Mines. (1987) 2 pp. *A brief description of the activities and programs the Energy Management Division offers.*

Energy Management For Hotels And Restaurants. Manitoba Hydro. (1983) 13 pp. *Tips for reducing energy consumption in hotels and restaurants.*

Energy Recovery From Dryers. Manitoba Energy and Mines. (1985) 19 pp. + Appendix. *The final report of a waste heat recovery system installed at the Perth's Dry Cleaning plant in Winnipeg, Manitoba. Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Energy Recovery From Dryers. Manitoba Energy and Mines. (1982) 1 p. *The installation of a heat recovery system to preheat outside air with heat transferred from the filtered dryer exhaust system at the Perth's Dry Cleaning plant in Winnipeg, Manitoba. Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Enerhosp: Energy Conservation For Manitoba Health Care Facilities. Manitoba Energy and Mines. Energy, Mines and Resources Canada. (1985) 137 pp. *A manual outlining energy conservation measures to implement in health care facilities.*

Enerhosp Final Report. Manitoba Energy and Mines. (1985) 61 pp. *A report outlining eight Manitoba Health Care facilities which implemented energy conservation measures. Project #46 (84-171) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Ener$ave For Industry And Commerce, #1-10. Energy, Mines and Resources Canada. (1980) 10 booklets.

☐ *1 Guidebook/Index*

- ☐ *2 Heating, Cooling & Lighting*
- ☐ *3 Process Design & Heat Recovery*
- ☐ *4 Production Optimization*
- ☐ *5 Combustion Control*
- ☐ *6 Steam & Compressed Air Management*
- ☐ *7 Transportation & Delivery*
- ☐ *8 Efficient People Moving*
- ☐ *9 Office Practices*
- ☐ *10 Employee Motivation & Participation*

Ener$ave For Municipalities: A Guide To Municipal Energy Savings. Energy, Mines and Resources Canada. (1982) 10 booklets

- ☐ *1 Municipalities and Energy - An Introduction*
- ☐ *2 Designing An Energy Management Program*
- ☐ *3 Energy and Urban Planning*
- ☐ *4 Auditing Municipal Energy Use*
- ☐ *5 Financial Analysis of Conservation Measures*
- ☐ *6 Saving Energy in Municipal Buildings*
- ☐ *7 Saving Energy in Street Lighting*
- ☐ *8 Saving Energy in the Vehicle Fleet*
- ☐ *9 Energy and Urban Transportation*
- ☐ *10 Municipal Energy Savings - Case Studies*

Enerschool: Energy Conservation For Manitoba Schools. Manitoba Energy and Mines. Energy, Mines and Resources Canada. (1984) 61 pp. *A manual outlining major and minor school retrofits throughout Manitoba. Retrofits include general insulation upgrading H.V. & A/C systems plus water, lighting and electrical systems.*

Erickson Arena Wood Burning Furnace. Manitoba Energy & Mines. (1985) 21 pp. *The final report outlining the effectiveness of using wood as the primary heat source for the Erickson Arena. Project #82-150 of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

First Steps To Energy Conservation For Business. Energy, Mines and Resources Canada. (1980) 21 pp. *How to audit energy consumption and an energy checklist for businesses.*

Heat Recovery From Cold Storage Unit. Manitoba Energy and Mines. (1982) 1 p. *To demonstrate how heat can be recovered from a refrigerator exhaust system to heat the dry storage, loading dock and underfloor of the cold storage area at the Westco Storage facility. Project #24 (81-70) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Hospital Retrofits - Enerhosp. Manitoba Energy and Mines. (1984) 1 p. *A demonstration of six Manitoba hospitals and two personal care facilities which undertook various energy conservation retrofit measures. Expected total annual energy savings $356,000. Project #46 (84-171) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Major School Retrofits - Enerschool. Manitoba Energy & Mines. (1983) 1 p. *The development of a major school retrofit program for Manitoba schools. Retrofits include the installation of heat recovery systems and modifications to the electrical control systems and lighting. Project #27 (83-151) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Minor School Retrofits - Enerschool. Manitoba Energy and Mines. (1983) 1 p. *The development of a minor retrofit program for Manitoba schools. Retrofits include the installation of heat recovery equipment, modifications to the electrical control system and lighting. Project #27 (83-151) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Oven Exhaust Heat Pipe - Inventronics Ltd. Manitoba Energy and Mines. (1984) 1 p. *The installation of heat pipes (thermo siphons) on the oven hot, exhaust duct to preheat the incoming make-up air and to reduce fouling in the exhaust stream. Expected energy savings, 848 MCF natural gas annually. Project #41 (83-158) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Refrigeration Heat Reclaim: Manco Dairy, Dauphin, Manitoba. Manitoba Energy and Mines. (1985) 23 pp. *The final report of a refrigeration waste heat recovery system installed at the Manco Dairy in Dauphin, Manitoba. Project #48 (83-181) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Refrigeration Waste Heat Recovery - Westco Storage Ltd. Manitoba Energy and Mines. (1984) 25 pp. *The final report of a heat recovery system installed at Westco Storage. Heat is recovered from the refrigerator exhaust system and used to heat the dry storage area, loading dock and underfloor of the cold storage area. Project #24 (81-70) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Reheat Furnace Energy Conservation. Manitoba Energy and Mines. (1983) 1 p. *A study conducted at Manitoba Rolling Mills to determine the most cost effective method of reducing energy consumption. Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Rural Arena Retrofit. Manitoba Energy and Mines. (1985) 82 pp. + Appendix. *A final report outlining six recreation centre retrofits performed throughout Manitoba. Report includes retrofit options, conclusions and recommendations. Project #29 (82-119) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

School Retrofit Program (Enerschool) Final Report. Manitoba Energy and Mines. (1985) 127 pp. *The final report outlining twenty schools that implemented energy conservation techniques under the Enerschool program.*

Small Scale Energy Demonstration Program. Manitoba Energy and Mines. (1985) *The final report of 66 energy conservation and renewable energy projects funded under the S.S.E.D.P. Report contains project summaries which provide a description and economic analysis of each project. Project #32 (82-122) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Study Into The Economic Viability Of District Heating For The Central Area Of The City Of Winnipeg, Volume 1, Part 1, Summary. Manitoba Energy and Mines. (1985) 62 pp. *A general summary of a study to determine the economic viability of district heating for central Winnipeg. Project #13 (80-22) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Study Of Cogeneration And Waste Heat Utilization In Manitoba. Manitoba Energy and Mines. (1982) 1 p. *A study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba. Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Town Energy Audit Match (T.E.A.M.). Manitoba Energy and Mines. (1985) 68 pp. + Appendix. *A final report of the Town Energy Audit Match between Pinawa and Stonewall. The residential, commercial, municipal, institutional sectors were all considered. Project #83-153 of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Urban Recreation Centre Retrofit. Manitoba Energy and Mines. (1983) 1 p. *Four recreation centres throughout Manitoba have implemented retrofit measures such as waste heat recovery, sealing and energy efficient lighting to reduce overall energy consumption and to demonstrate these techniques to similar recreation facilities. Project #31 (81-127) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Urban Recreation Retrofit. Manitoba Energy and Mines. (1985) 59 pp. *The final report outlining retrofit measures implemented at four Manitoba recreation centres: Thompson, Brandon, Flin Flon and the Pan-Am Pool in Winnipeg. Project #31 (82-127) of the Manitoba/Canada Conservation & Renewable Energy Demonstration Agreement.*

Waste Heat Recovery. Manitoba Energy and Mines. (1982) 1 p. *To recover waste heat produced by the refrigeration system for use in space heating the Elm Creek Curling Club. Project #11 (81-55) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Waste Heat Recovery. Manitoba Energy and Mines. (1982) 1 p. *Waste heat from the Portage la Prairie Curling Rink is recovered to heat shopping mall, curling rink viewing area, and hotel. Project #34 (82-121) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Waste Heat Recovery - Elm Creek Curling Club. Manitoba Energy and Mines. (1983)10 pp.*The final report of the waste heat recovery system installed in the Elm Creek Curling Club. Project #11 (81-55) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Waste Heat Recovery Heat Pipe Inventronics Ltd. Manitoba Energy & Mines. (1985) 7 pp. *The final report of the waste heat recovery system installed at Inventronics Ltd., a Manitoba manufacturer of sheet metal products. Project #41 (83-158) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Waste Heat Recovery - Manco Dairy. Manitoba Energy and Mines. (1985) 1 p. *A test to determine the energy savings of installing heat recovery equipment at Manco Dairies. Project #48 (83-181) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Waste Heat Recuperator: Manitoba Rolling Mills. Manitoba Energy and Mines. (1985) 21 pp. + Appendix. *The*

final report of a waste heat recuperator installed at the Manitoba (Steel) Rolling Mill in Selkirk, Manitoba. Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

Westward Mall Performance Analysis, Portage La Prairie. Manitoba Energy and Mines. (1985) 35 pp. *The final report of a waste heat recovery system installed at the Portage la Prairie curling rink to provide space heating for the Westward Shopping Mall, curling rink viewing area, and local hotel. Project #34 (82-121) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Winnipeg District Heating Study Phase I. Manitoba Energy and Mines.(1984) 100 pp. *The City of Winnipeg District Heating Study - Final Report Phase I. Project #13 (80-22) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

ENERGY EDUCATION

Fort Whyte Centre For Environmental Education. Manitoba Energy and Mines. (1982) 1 p. *Low energy design techniques have been incorporated into the construction of the Fort Whyte Centre for Environmental Education to promote energy efficient construction. Project #35 (82-102) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

GEOLOGY & MINING

Basal Till Investigation - Tracing Minerals Back To Bedrock. Energy, Mines and Resources Canada and Manitoba Energy and Mines. (1986) 20 pp. Bilingual. *Description of basal till investigations (a method of tracing minerals back to the bedrock from which they originated), carried out under the Canada-Manitoba Mineral Development Agreement, focussing on the Lynn Lake area.*

Canada - Manitoba Mineral Development Agreement - Second Annual Report 1985-86. Energy, Mines and Resources Canada. Manitoba Energy and Mines. (1986) 16 pp. Bilingual. *Review of the second year of the Canada-Manitoba Mineral Development Agreement with a description of each of the four sectors under the agreement - geoscientific activities; mining and mineral technology research and development; development studies; and public information, evaluation and administration.*

Canada - Manitoba Mineral Development Agreement - Third Annual Report. 1986-87. Energy , Mines and Resources Canada. Manitoba Energy and Mines. (1987) 10 pp. Bilingual. *Review of the third year of the Canada Manitoba Mineral Development Agreement with a description of each of the four sectors under the agreement - geoscientific activities; mining and mineral technology research and development studies; and, public information, evaluation and administration.*

Copper & Zinc In Manitoba. Manitoba Energy and Mines. (1986) 24 pp. *Information on occurrences, mining, uses, and production of copper and zinc in Manitoba.*

Le Cuivre Et Le Zinc Au Manitoba. Énergie et Mines Manitoba (1987) 24 p. *Cette brochure contient des renseignements sur la présence, l'exploitation, l'utilisation et la production du cuivre et du zinc au Manitoba.*

Cross Section Of A Metal Mine And Mineral Identification Chart. Manitoba Energy and Mines. (1950). *Diagrammatic cross-section showing various aspects of underground mining and surface processing. Listing of minerals and characteristics to allow preliminary identification of common minerals, many of which are found in Manitoba.*

Developing Manitoba's Mineral Resources. Energy, Mines and Resources Canada and Manitoba Energy and Mines. (1985) 20 pp. Bilingual. *Description of some activities launched under the Canada-Manitoba Mineral Development Agreement. Resource assessment and market development of dimension stone projects are reviewed. Projects addressing the needs of Manitoba's non-ferrous metal industries to upgrade their technologies are also discussed.*

General Geological Map Of Manitoba. Manitoba Energy and Mines. (1980) 1 p. *Simplified breakdown of geological rock units of Manitoba according to age.*

Geological Map Of Manitoba. Map 79-2. Manitoba Energy and Mines. (1979) *Wall size map of Manitoba at a scale of 1:1 000 000. Depicts subdivision and distribution of rock types in the Phanerozoic and Precambrian regions of the province in 61 colored units.*

Geological Services Branch. Manitoba Energy and Mines. (1987) 2 pp. *A description of the activities of the Geological Services Branch.*

Gold In Bissett. Laramide Petrologic Services. (1987) 24 pp. *A practical overview of the geological and historical features of the Bissett area gold camp for the general public.*

Gold In Manitoba. Manitoba Energy and Mines. (1988) 14 pp. *Information on the history, uses, occurrences, distribution and production of gold in Manitoba.*

L'Or Au Manitoba. Énergie et Mines Manitoba (l988) l4 p. *Cette brochure contient des renseignements sur l'histoire, l'utilisation, la présence, la distribution et la production de l'or au Manitoba.*

Gypsum In Manitoba. Manitoba Energy and Mines. (1987) 12 pp. *Information on occurrences, mining, uses and production of gypsum in Manitoba.*

Le Gypse Au Manitoba. Énergie et Mines Manitoba (1987) 12 p. *Cette brochure contient des renseignements sur la présence, l'exploitation, l'utilisation et la production du gypse au Manitoba.*

Industrial Minerals Of Manitoba. Manitoba Energy and Mines. (1989) 36 pp. *To provide information on uses and production of industrial minerals in Manitoba. Describes occurrences which have potential for future production.*

Introductory Mineral Table. Energy, Mines and Resources Canada. (1978) l4 pp.$1.00 *Pocket guide for field use of prospectors and rock hounds. Tabulates 80 different minerals.*

Manitoba Geological Highway Map. MDA #1. Manitoba Energy and Mines. (1987) *Wall size surficial and bedrock map of Manitoba at a scale of 1: 1 000 000. Includes an overview of the geologic history of Manitoba with a description of some major geologic processes.*

Manitoba Potash Project. Manitoba Energy and Mines. (1987) l4 pp. *Information on feasibility studies done that will determine costs and benefits of developing a new potash mine in Manitoba.*

Manitoba's Precambrian Drill Core Libraries Program. Energy, Mines. Resources Canada and Manitoba Energy and Mines. (1985) 19 pp. Bilingual. *Description of drill core storage, acquisition policies and library system as conducted under the Canada-Manitoba Mineral Development Agreement. Drill core holdings in The Pas, Thompson, Lynn Lake and Winnipeg are reviewed.*

Mineral Exploration Services In Manitoba. Manitoba Energy and Mines. (1986) 2 pp. *An outline of services provided by Manitoba Energy and Mines.*

Mineral Map Of Manitoba. Map 80-1. Manitoba Energy and Mines. (1980) $5.00 + P.S.T. *Wall size map of Manitoba at a scale of 1: 1 000 000. Depicts locations of metallic and industrial mineral properties on simplified geologic base, accompanied by an index listing the name(s) of the property and major commodities produced or in reserve. Areas of petroleum production are indicated and indexed by name of oil field or production area.*

Minerals Division Publications Price List. Manitoba Energy and Mines. (1986) 28 pp. *Listing of publications produced by the Geological Services Branch and Mines Branch. Publications describe the geology of the province and its mineral resource base and are of a technical nature designed to assist the mining industry in mineral exploration.*

Minerals: Economic And Regional Development Agreement. Manitoba Energy and Mines. (1985) 22 pp. Bilingual. *Description of $24.7 million Canada-Manitoba Mineral Development Agreement, a subsidiary agreement of the Canada-Manitoba Economic and Regional Development Agreement. Its impact on Manitoba's mining communities is defined. The proximity to these communities of metallic and industrial minerals is shown as a simplified geology base.*

Minerals Of Manitoba Volume I: Non-metallic And Pegmatitic. Educational Series ES 78-1. Manitoba Energy and Mines. (1978) 115 pp. $5.00 *Summary of principal non-metallic minerals that can be seen and studied in outcrops, quarries or rock dumps in Manitoba. Numerous colour plates showing minerals and twenty-six locality maps.*

Minerals Of Manitoba Volume II: Metallic Minerals. Educational Series ES 78-2. Manitoba Energy and Mines. (1979) 84 pp. $5.00 *Summary of principal metallic minerals that can be seen and studied in outcrops, quarries or rock dumps in Manitoba. Numerous colour plates showing minerals and sixteen locality maps.*

Mines Branch (The). Manitoba Energy and Mines. (1987) 2 pp. *A description of the activities of the Mines Branch.*

Mining In Manitoba. Manitoba Energy and Mines. (1987) 46 pp. *This colored brochure illustrates an overview of the mining industry of Manitoba in all its facets. It briefly explains the challenges faced by exploration companies searching out minerals.*

Sand And Gravel In Manitoba. Manitoba Energy and Mines. (1986) 15 pp. *Provides informa-*

tion on uses and production of sand and gravel in Manitoba - occurrences and quarrying.

Le Sable Et Le Gravier Au Manitoba. Énergie et Mines Manitoba (1987) 15 p. *Cette brochure fournit des renseignements sur la présence, l'extraction, l'utilisation et la production du sable et du gravier au Manitoba.*

Surficial Geological Map Of Manitoba. Map 81-1. Manitoba Energy and Mines. (1981) $5.00 + P.S.T. *Wall size map of Manitoba at a scale of 1:1 000 000. Depicts the location and extent of quarternary deposits in the province. Summary of glacial history accompanied by diagrams illustrating stages of retreat of last ice sheets to cover area and the extent of lacustrine and marine sediments deposited during and immediately following the last deglaciation.*

HEATING RESIDENTIAL

A Wood Chip Primer. Government of New Brunswick, Queen's Printer. (1983) 11 pp. *The principles of operating and maintaining a woodchip heating system.*

Air-To-Air Heat Exchangers. Manitoba Hydro. (1983) *The principles and operation of air-to-air heat exchangers.*

Domestic Chimneys And Gas Vents. National Research Council. (1981) 4 pp. *The operation and maintenance of different types of domestic chimneys.*

Electric Heating Equipment Available. Manitoba Hydro. (1981) 10 pp. *Background information on all forms of electric heating, installation recommendations, with tips on converting a heating system to electricity.*

Fresh Air Ducts. Manitoba Hydro. (1983) 1 p. *How to install a fresh air duct into a forced air electric furnace to provide a residence with adequate fresh air for controlling humidity.*

Groundwater Heat Pump. Manitoba Energy and Mines. (1982) 1 p. *To demonstrate the effectiveness of using a groundwater heat pump to reduce conventional heating costs in a residence. Project #26 (82-107) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Heating With Electricity. Energy, Mines and Resources Canada. (1986) 24 pp. *Information on electric heating systems, service panels and having the system installed.*

Heating With Natural Gas. Energy, Mines and Resources Canada. (1986) 26 pp. *Information on conventional, mid-efficiency and hi-efficiency furnaces; other gas heating options; related systems; and having a natural gas system installed.*

Heating With Oil. Energy, Mines and Resources Canada. (1987) 40pp. *Information on oil heating, furnace sizing and maintenance.*

Heating With Wood. Energy, Mines and Resources Canada. (1985) 17 pp. *A guide for using wood as a heat source, including tips on selecting wood, and sizing and installing wood heaters properly.*

How Does Your Furnace Rate? Energy, Mines and Resources Canada. (1987) 1p. *A pamphlet on furnace efficiency - includes Gas and Oil Furnace Efficiency Tables.*

Residential Groundwater Heat Pumps (Small Scale Energy Demonstration Program). Manitoba Energy and Mines. (1985) 8 pp. *The operation of residential groundwater heat pumps listing advantages and limitations.*

Residential Heat Pumps. Manitoba Hydro. (1983) 3 pp. *The operation and sizing of residential heat pumps.*

Residential Wood Heating: A Homeowner's Guide. Energy, Mines and Resources Canada. (1987) 34 pp. *A guide for using wood as a heat source. Includes information on wood-burning equipment, installation, firewood, and chimneys.*

Set Back Thermostat. Manitoba Hydro. (1981) 1 p. *The operation and benefits of installing a set back thermostat.*

Tips For Maintaining Your Heating System. Manitoba Hydro. (1983) 1 p. *General tips for maintaining an electric heating system.*

HOME CONSTRUCTION

Air Quality Measurements In Low-Leakage Houses. BRN #218 National Research Council. (1984) 25 pp. *The results of 46 low energy homes tested for formaldehyde, nitrogen dioxide, radon, and humidity levels.*

Airtight Houses And Carbon Monoxide Poisoning. National Research Council. (1982) 4 pp. *Causes and remedial measures of carbon monoxide poisoning in airtight houses.*

Building To Double "E" Standards. Manitoba Hydro. (1984). 23 pp. *Energy efficient housing standards developed by Manitoba Hydro and the Canadian Electrical Association.*

Construction Experience Using The Airtight Drywall Approach. Alberta Municipal Affairs. (1985) 163 pp. *This report looks at the effectiveness of*

using the Airtight Drywall Approach (A.D.A.) in energy efficient house construction.

Design Techniques For Super Energy Efficient Housing. Manitoba Hydro. (1984) 3 pp. *An outline of recommended design considerations for constructing super energy efficient homes.*

Energy Efficient Housing - Kensington Homes, Winnipeg. Manitoba Energy and Mines. (1983) 45 pp. *The final report of an energy efficient house, constructed by Kensington Homes, to demonstrate the cost effectiveness of a preserved wood foundation. Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Energy Efficient Housing - Kensington Homes - Winnipeg. Manitoba Energy and Mines. (1982) 1 p. *The construction of an energy efficient 1,865 sq. ft. home in Winnipeg, to demonstrate the cost effectiveness of a preserved wood foundation. Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Bermed Housing. Manitoba Energy and Mines. (1982) 1 p. *A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba. Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Bermed Housing. Manitoba Energy and Mines. (1981) 1 p. *A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba. Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Bermed Housing - Carroll Residence, Swan River, Manitoba. Manitoba Energy and Mines. (1983) 40 pp. *The final report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba. Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Bermed Housing - Shoal Lake, Manitoba. Manitoba Energy and Mines. (1983) 51 pp. *The final report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba. Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Chimo - Steinbach, Manitoba. Manitoba Energy and Mines. (1983) 43 pp. *The final report of an energy efficient house constructed in Steinbach, Manitoba to demonstrate a 14" wall technique. Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Chimo - Steinbach. Manitoba Energy and Mines. (1981) 4 pp. *Energy-efficient home construction demonstrating a low-cost 14-inch wall technique. Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Flair Homes. Manitoba Energy and Mines. (1984) 46 pp. *The final report of a low energy 1,050 sq. ft. home constructed to demonstrate energy efficient building techniques. Project #3 (80-41) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Flair Homes Winnipeg. Manitoba Energy and Mines. (1981) 1 p. *Construction of a low energy 1,050 sq. ft. home in Winnipeg, Manitoba by Flair Homes Ltd., to demonstrate the techniques incorporated in energy efficient house construction. Project #3 (80-41) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Flair 10 Home Demonstration. Manitoba Energy and Mines. (1985) 1p. *A demonstration to determine the effectiveness of using to the airtight drywall approach (A.D.A.) in the construction of energy efficient homes. Project #45(83-167) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Low Energy Housing - Manitoba Homebuilders Association. Manitoba Energy and Mines. (1981) 1 p. *The construction of a low energy house to demonstrate new building technologies to Manitoba home builders. Project #12 (81-63) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Wood Frame Foundations. National Research Council. C.B.D. #234 (1984) 4 pp. *An outline of design features incorporated into woodframe foundations.*

HYDRO

Dorsey. Manitoba Hydro. (1984) 12 pp. *A description of Manitoba Hydro's Dorsey Converter Station located near Rosser, Manitoba.*

Grand Rapids. Manitoba Hydro. (1987) 20 pp. *A descrip-*

tion of Manitoba's Grand Rapids Generating Station.

A History Of Hydro Electric Power In Manitoba. Manitoba Hydro. (1986) 27 pp. *Hydro electric power in Manitoba from 1873 to the present.*

Manitoba Hydro Electric Board 37th Annual Report - For The Year Ended March 31, 1988. Manitoba Hydro (1988) 40 pp. *The 1987-88 Annual Report for Manitoba Hydro.*

Manitoba - The Hydro Province. Manitoba Hydro. (1987) 2 p. *A colored map illustrating the present hydro electric generating stations and proposed sites in Manitoba.*

Monthly Electric Rates. Manitoba Hydro. (1989). *Urban and rural electricity rates for Manitoba.*

Nelson River DC Transmission System. Manitoba Hydro. (1986) 12 pp. *An illustrated description of the Nelson River DC transmission system.*

Power From The North. Manitoba Hydro. (1988) 20 pp. *A description of Manitoba's hydro electric generating stations along the Nelson and Churchill Rivers.*

Producing Electricity. Manitoba Hydro. (1987) 16 pp. *The principles of producing electricity in quantity.*

The Winnipeg River. Manitoba Hydro. (1985) 16 pp. *An illustrated description of the Winnipeg River Generating Stations.*

Thermal Generating Stations. Manitoba Hydro. (1986) 16 pp. *An illustrated guide of Selkirk and Brandon thermal generating stations.*

What Is Manitoba Hydro? Manitoba Hydro. (1987) 12 pp. *Hydro-electric power development, past, present and future.*

Radisson/Henday Converter Stations. Manitoba Hydro (1987) 12 pp. *An illustrated description of the two northern converter stations.*

LOANS AND GRANTS

Critical Home Repair Program. Manitoba Housing and Renewal Corporation. 1 p. *A Provincial incentive for home repairs for homeowners on low fixed incomes. Grants and loans are allocated according to the family or pensioner income. The potential total incentive for families is $3,000 and for pensioners, $1,500.*

Cut Home Energy Costs Now. Manitoba Energy and Mines. (1986) 8 pp. *A general outline of the Manitoba CHEC Loan program and residential advisory service available to Manitobans whose homes were built before 1983.*

Electric Heating Program Allowances And Assistance Plans. Manitoba Hydro (1984). 1 p. *A $200.00 incentive for homeowners converting to electricity from oil and retrofitting or building to double "E" standards.*

Electrical Modernization Plan. Manitoba Hydro. (1980) 1 p. *A loan of up to $2,000 is available to Manitoba Hydro customers. The loan may be used to upgrade electrical services, purchase heating and cooling systems, hot water heaters, etc.*

The Residential Rehabilitation Assistance Program In Manitoba. Canada Mortgage and Housing Corporation. (1986) 1 p. *An outline of assistance for major repairs available to landlords, homeowners, and the disabled.*

R-2000 Home (The). Energy, Mines and Resources Canada. (1982) 2 pp. *An incentive for Canadian home builders to develop energy efficient construction techniques. Sponsored by the Housing and Urban Development Association of Canada and Energy, Mines and Resources.*

PETROLEUM

Careers In Canada's Petroleum Industry. The Petroleum Society of CIM. (1987) 24 pp. *An overview of the petroleum industry and where the prospective student/employee fits.*

Energy Under The Sea. Energy, Mines and Resources Canada. (1982) 28 pp. *Exploration and production of petroleum on the Canadian Atlantic offshore.*

Major Oil And Gas Fields And Pipelines In Canada. Energy, Mines and Resources Canada. (1979) 1 p. *A map illustrating Canadian oil and gas fields to 1979.*

Manitoba Oil Facts. Manitoba Energy and Mines. (1985) 1 p. *A general description of the development of oil and natural gas production in Manitoba.*

Manitoba Petroleum Statistics. Manitoba Energy and Mines. (1985) 1 p. *Manitoba petroleum production statistics from 1976-1984.*

Oil Activity Review 1987. Manitoba Energy and Mines. (1987). *A summary of 1987 petroleum exploration and development in Manitoba.*

Oil In Manitoba. Manitoba Energy and Mines. (1988) 39 pp. *Historical guide to Manitoba's petroleum industry with information regarding land tenure, royalty, and tax systems.*

Le Pétrole Au Manitoba. Énergie et Mines Manitoba (1988) 50 p. *Guide historique de l'industrie pétrolière au Manitoba qui contient des renseignements concernant les régimes fonciers, les redevances et l'impot.*

Petroleum Division (The). Manitoba Energy and Mines. (1987) 2 pp. *A description of the activities of the Petroleum division.*

Petroleum Publications, Maps And Services Catalogue. Manitoba Energy and Mines. (1984) 95 pp. *A catalogue listing publications, maps and services produced by the Petroleum Branch of Manitoba Energy and Mines.*

RESIDENTIAL GENERAL

Electronic Air Cleaners. Manitoba Hydro. (1983) 3 pp. *The operation and efficiency of electronic air cleaners.*

Consumer's Guide To Buying Energy Efficient Appliances And Lighting. Energy, Mines and Resources Canada. (1988) 41 pp. *Guide to choosing energy efficient appliances and lighting. Energuide table is included.*

Consumer's Guide To Buying An Energy Efficient Resale Home. Energy, Mines and Resources Canada. (1988) 27 pp. *A guide to help home buyers check a house for energy efficiency. An energy walk-through check list is included.*

Home Improvements Sold Door To Door. Manitoba Consumer's Bureau. (1984) 1 p. *Consumer tips for hiring door to door contractors.*

Household Appliance Use. Manitoba Hydro. 7 pp. *Shows the typical average wattage of electrical appliances, and how to get the most from your appliances.*

Outdoor Swimming Pool Heater Sizing Guide. Manitoba Hydro. (1983) 3 pp. *Recommendations for sizing outdoor swimming pool heaters.*

Residential Air Conditioning. Manitoba Hydro. (1983) 6 pp. *Tips for selecting, installing and maintaining room air conditioning units.*

Residential Time Clocks. Manitoba Hydro. (1982) 1 p. *Background information on different types of residential time clocks.*

Residential Water Heating Equipment. Manitoba Hydro. (1983) 1 p. *A general outline of various types of electric water heaters, and sizing guide.*

Summer Cottages. Manitoba Hydro. (1980) 20 pp. *How to design and construct summer cottages with energy efficient building techniques.*

Swimming Pools. Manitoba Hydro. (1980) 8 pp. *Tips on installing and maintaining outdoor residential swimming pools.*

Using Energy Efficiently. Manitoba Hydro. (1983) 5 pp. *General tips for conserving energy in the home.*

RETROFIT

A Double Wall Retrofit Project. Ike Warkentin. (1982) 31 pp. *Steps taken to perform a double wall retrofit on a Winnipeg home constructed in 1906.*

An Evaluation Of The Effectiveness Of Air Leakage Sealing: Ener-Corp Management Ltd. Manitoba Energy and Mines. (1983) 50 pp. *A report outlining air leakage sealing techniques implemented in 82 Manitoba homes and its effectiveness in reducing infiltration and energy consumption. Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Attic Insulation. Manitoba Energy and Mines. (1986) 37 pp. *An illustrated guide on the correct way to insulate an attic.*

Basement And Crawlspace Insulation. Manitoba Energy and Mines. (1986) 33 pp. *A detailed description with illustrations on the correct way to insulate a basement or crawlspace.*

Central Exhaust Systems In Homes. Manitoba Hydro. (1986) 1 p. *How to provide controlled ventilation in the home.*

Doors and Windows. Manitoba Energy and Mines (1987). 41 pp. *Information on improving the energy efficiency of existing doors and windows and purchasing new ones.*

Enerfacts: Retrofitting Your Mobile Home. Energy, Mines and Resources Canada. (1982) 4 pp. *A step-by-step guide for reducing energy consumption in mobile homes, by sealing air leaks and reinsulating.*

Energy Demo Home Energy Saving Demonstration. Manitoba Energy and Mines (1985) 96 p. + Appendices 150 pp. *The final report of the provincial residential Energy Demo program. Report details 83 Manitoba homes, listing retrofit measures that were implemented and their energy savings. Project #33 (82-125) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Energy Efficient Retrofit. Manitoba Energy and Mines. (1984) 26 pp. *The final report of a major residental retrofit undertaken at the Laing residence in New Bothwell, Manitoba. Project #25 (81-66) of the Manitoba/Canada Conservation*

and Renewable Energy Demonstration Agreement.

Energy Efficient Retrofit Of Older Homes. Manitoba Energy and Mines. (1982) 1 p.

Retrofitting an older home to determine increased energy efficiency by adding a continuous vapour barrier, basement insulation, weather sealing, and an exterior double wall. Project #25 (81-66) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

Insulation. Energy, Mines and Resources Canada. (1988) 8 pp. *Summary of types of insulation, R and RSI values, and applications.*

Insulating Basements, Crawl Spaces and Slabs-on-Grade. Energy, Mines and Resources Canada. (1987) 134 pp. *A fully illusttrated guide.*

Keeping The Heat In. Energy, Mines and Resources Canada. (1983) 112 pp. *A step-by-step practical guide to sealing and insulating residential buildings.*

Moisture And Air - Problems And Remedies. CMHC AND CHBA. (1987) 28 pp. *Problems and solutions regarding moisture and air quality in the home.*

Moisture Problems In Houses. National Research Council. (1984) 3 pp. *Causes of excessive moisture problems in homes and remedial measures.*

Public Housing Retrofit. Manitoba Energy and Mines. (1982) 1 p. *Various retrofit measures were implemented in 100 identical Winnipeg homes to determine cost effectiveness and energy savings. Project #5 (80-27) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Radon Information. Manitoba Energy and Mines. *Radon information is avaiable by contacting the Energy and Mines Info Centre.*

Residential Air Infiltration Test And Sealing. Manitoba Energy and Mines. (1982) 1 p. *A five year study to determine air infiltration rates and fuel consumption of 100 homes before and after sealing, caulking, and weatherstripping measures are performed. Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Retrofitting To "Double E" Standards. Manitoba Hydro. (1983) 32 pp. *A step-by-step guideline for residential retrofit, using the "Double E" standards developed by the Canadian Electrical Association.*

Sealing, Caulking And Weatherstripping. Manitoba Energy and Mines. (1986) 46 pp. *An illustrated guide for sealing, caulking, and weatherstripping your home and the types of materials to use.*

Wall Insulation. Manitoba Energy and Mines. (1986) 29 pp. *An illustrated guide on the correct way to insulate the walls of a home.*

Whole House Retrofit Techniques. Energy, Mines & Resources Canada. (1987) 152 pp. *A fully illustrated guide to retrofitting your home for energy efficiency.*

SOLAR

How To Build A Solar Water Heater. Brace Research Institute. (1979) 18 pp.$1.50 *A step-by-step guide to building a solar domestic water heater.*

NRCC Passive Solar Test Facility: Performance Of A Mass-wall Unit. B.R.N. #216. National Research Council. (1984) 9 pp. *The test results of a solar mass-wall unit at N.R.C.*

NRCC Passive Solar Test Facilitiy: Performance Of Direct Gain Units. B.R.N. #215. National Research Council. (1984) 18 pp. *The test results of a solar direct gain unit at N.R.C.*

Renewable Energy Projects Digest - Passive Solar. Energy, Mines & Resources Canada. (1988) 61 pp. *A review and update of 40 passive solar projects funded by E.M.R. Canada.*

Report On An Assessment Of The Potential Of Solar Energy In Manitoba. Manitoba Energy and Mines. (1981) 81 pp. *A report which assesses the potential of all aspects of solar energy for use in Manitoba.*

Solar Heated Swimming Pool. Manitoba Energy and Mines. (1980)1 p. *The installation of an active solar water heater in the Winkler outdoor swimming pool. Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Solar Heated Swimming Pool - Deloraine, Manitoba. Manitoba Energy and Mines. (1983) 22 pp. *The final report of the active solar heating system installed at the Deloraine Swimming Pool to heat domestic water for the showers as well as the swimming pool. Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Solar Heated Swimming Pool - Winkler, Manitoba. Manitoba Energy and Mines. (1983) 6 pp. *The final report of the active solar water heating system installed at the Winkler outdoor swimming pool. Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable*

Energy Demonstration Agreement.

Solar Heating - Swimming Pool. Manitoba Energy and Mines. (1981) 1 p. *The implementation of an active solar heating system for the Town of Deloraine's outdoor swimming pool. Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Solar Thermal Technology Report. Energy, Mines and Resources Canada. Ontario Ministry of Energy. (1987) 101 pp. *A report summarizing the status of active thermal technology in Ontario and the rest of Canada.*

Solar Water Heaters-a Buyers Guide. Energy, Mines and Resources Canada. (1986) l6 pp. *A brief description of solar water heaters. How to decide what type to buy, and how to install and maintain it.*

Vassar Solar Heated Swimming Pool. Manitoba Energy and Mines. (1982) 1 p. *To replace the liquid petroleum gas heater at the Vassar swimming pool with an active solar collector and solar blanket. Project #30 (82-115) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

TRANSPORTATION

An Employer's Guide To Vanpooling. Manitoba Energy and Mines. (1983) 6 pp. *The advantages of implementing a vanpool operation from an employer's standpoint.*

Are You An Energy Efficient Truck Driver? Manitoba Energy and Mines. (1984) 12 pp. *A test for commercial truck drivers to determine the energy efficiency of their driving habits.*

Car Economy Book (The). Energy, Mines and Resources Canada. (1986) 91 pp. *Tips on buying, driving, and maintaining your automobile.*

Car Economy Calculator. Energy, Mines and Resources Canada. (1981) *A pocket size conversion slide rule, with a log for recording fuel consumption of motor vehicles.*

Car Warmers And Engine Block Heaters - Energy Costs. Manitoba Hydro. (1986) 1 p. *Energy consumption and cost of operating interior car warmers and block heaters.*

Feasibility Of Conversion To Non-petroleum Power Sources (The). Manitoba Energy and Mines. (1983) 205 pp. *The final report of a study conducted to determine the present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System. Project #16 (80-25) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Fuel Consumption Guide. Transport Canada. *An annual guide listing fuel consumption of cars and trucks manufactured in that specific year.*

Fuel-saving Potential Of Road Speed Governors On Commercial Trucks. Manitoba Energy and Mines. (1985) 41 pp. + Appendix. *The final report of a test to determine reduced fuel consumption and efficiency of road speed governors and anti-idling devices for commercial trucking fleets. Project #47 (82-134) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Future Transportation Fuels - Alcohol Fuels. Energy, Mines and Resources Canada. (1986) 1 p. Bilingual. *A brief outline on the production and advantages of alcohol fuels and the future of these fuels in Canada.*

Future Transportation Fuels - Conventional Fuels. Energy, Mines and Resources Canada. (1986) 1 p. Bilingual. **A brief outline on the production and advantages of conventional fuels.**

Future Transportation Fuels - Electric And Hydrogen-powered Transportation. Energy, Mines and Resources Canada. (1986) 1 p. Bilingual. *A brief outline of the history and advantages of electric and hydrogen transportation.*

Future Transportation Fuels - Gaseous Fuels. Energy, Mines and Resources Canada. (1986) 1 p. Bilingual. *A brief explanation of gaseous fuels and their uses.*

Future Transportation Fuels - Synthetic Fuels. Energy Mines and Resources Canada. (1987) l p. Bilingual. *A brief explanation of synthetic fuels and their uses.*

Gasohol And Propane Fleet Test. Manitoba Energy and Mines. (1982) 1 p. *A study to determine the feasibility of using propane and gasohol for commercial vehicles in various areas of Manitoba. Project #2 (80-18, 80-19) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Methanol Fleet Test. Manitoba Energy and Mines. (1985) 107 pp. + Appendix. *The final report of a test to demonstrate the efficiency of using methanol based fuels for motor vehicles in Manitoba. Project #21 (81-51) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Methanol Vehicle Fuel Test (Phase II). Manitoba Energy and Mines. (1985) 1 p. *Phase II of a test to determine the efficiency and engine durability of*

methanol as a vehicle fuel. Project #21 (81-51) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

Natural Gas: An Alternative Transportation Fuel. Energy, Mines and Resources Canada. (1986) 16 pp. *Background information on vehicle conversions to natural gas.*

Potential For Vanpooling In Manitoba, (The). Manitoba Energy and Mines. (1984) 25 pp. *A final report on the feasibility of implementing vanpool systems. Project #23(80-8) of the Manitba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Ridesharing: A Concept Whose Time Has Come. Manitoba Energy and Mines. (1983) 6 pp. *The advantages of implementing carpools for employees.*

Road Speed Governors And Anti-Idling Devices. Manitoba Energy and Mines. (1984) 1 p. *A test to determine reduced fuel consumption and efficiency of road speed governors and anti-idling devices for commerical trucking fleets. Project #47 (82-134) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Route Optimization. Manitoba Energy and Mines. (1982) 1 p. *A study to develop a program for route optimization in urban areas, rural distribution systems and a school bus operation. Project #22 (81-83) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Route Optimization Study. Manitoba Energy and Mines. (1984) 56 pp. *The final report of a study to determine the feasibility of developing programs for route optimization in urban areas, rural distribution systems, and a school bus operation. Project #22 (81-83) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Trucker's Guide To Energy Conservation. Canadian Trucking Association. (1980) 21 pp. *A maintenance and operating guide for improving energy efficiency in commercial trucks.*

Vanpooling. Manitoba Energy and Mines. (1982) 1 p. *A demonstration to show the feasibility of implementing vanpool systems. Project #23 (80-8) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

Winnipeg Transit - Feasibility Of Conversion To Non-petroleum Power Sources. Manitoba Energy and Mines. (1982) 1 p. *A study to determine present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System. Project #16 (80-25) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.*

APPENDIX A
VIDEO TAPES

The video tapes film series is available in V.H.S. and Beta format. Each tape may be borrowed for 3 days.

Program One - New Homes: The Energy Efficient House: *An overview of what will be explained and illustrated in more detail in later programs.*

Program Two - New Homes: Starting Efficiently: *Air Leakage. Consideration in the initial stages of design and construction of a new home to end up with an air-tight structure.*

Program Three - New Homes: Making It Cozy: *Insulating a new home to energy-efficient standards.*

Program Four - New Homes: The AirTight House: *Precautions to prevent air leakage in a new home. Reviews and clarifies some details concerning air-vapour barrier sealing.*

Program Five - New Homes: Heating Choices: *Information on heating fuel options and heat distribution systems.*

Program Six - New Homes: Letting The Sun Shine In: *Design and setting of a home can take advantage of the sun for lower heating costs, and evening breezes for natural cooling.*

Program Seven - Existing Homes: Keeping The Heat In: *An overview of what will be described and illustrated in more detail in later programs.*

Program Eight - Existing Homes: Plugging The Holes: *This program details what can be done to lower air-leakage heat losses from existing homes.*

Program Nine - Existing Homes: Basements And Attics: *Adding insulation and improving air-vapour barriers in basements and attics.*

Program Ten - Existing Homes: Wall And Windows: *Details about the upgrading of walls and windows. Includes information on the creation of usable spaces in second-level areas: kneewalls, floors and sloping ceilings.*

Program Eleven - Existing Homes: Heating Alternatives: *Information on heat fuel options and heat distribution systems.*

Program Twelve - Existing Homes: Energy Efficient Lifestyles: *This program illustrates typically wasteful habits and in-*

dicates simple lifestyle changes to lower home energy consumption.

Listen To Your House: *This program looks at a house as a system of interacting heat, air and moisture flows focussing on the mechanisms by which the flows move within a house and the techniques which can be used to control them. Case studies are included.*

Évaluation de la Maison. L' Association nationelle en conservation de l'énergie à la demande d'Énergie, Mines et Ressources Canada. (28 min.)
L'entrepreneur, Louis, aide les propriétaires d'habitations à trouver une solution à leur problèmes d'énergie.

(Sur la même cassette...)

L'humidité dan les habitations - Une question d'equilibrage. KLA Visual Productions. *Une discussion de l'interaction entre température, l'humidité relative et les courants d'énergie dans les habitations.*

APPENDIX B
AUDIO TAPES

Based upon publications with the same names noted elsewhere in this bibliography, these tapes are available free of charge to people with visual impairments.

Oil in Manitoba. Manitoba Energy and Mines. (1989) 2 cassettes. *A historical guide to Manitoba's petroleum industry, with information regarding land tenure, royalty, and tax systems.*

Sand and Gravel in Manitoba. Manitoba Energy and Mines (1989) 1 cassette. *Provides information on occurrences, quarrying, uses and production of sand and gravel.*

Copper and Zinc in Manitoba. Manitoba Energy and Mines (1989). 1 cassette. *Provides information occurrences, mining, uses, and production.*

Gypsum in Manitoba. Manitoba Energy and Mines (1989) 1 cassette. *Information on occurrences, mining, uses, and production.*

Mining in Manitoba. Manitoba Energy and Mines (1989). 2 cassettes. *An overview of the mining industry from its beginning.*

Home CHEC-Up/CHEC Loan. Manitoba Energy and Mines (1989). 1 cassette. *Outlines the free home energy analysis program and low-interest loan program provided by Energy and Mines to help home owners and landlords make their homes more energy efficient.*

APPENDIX C
PUBLICATIONS SOURCE LIST

Agriculture Canada
Communications Branch
Ottawa, Ontario
K1A 0C7

Alberta Agriculture
Publications Office
9718 - 107th Street
Edmonton, Alberta
T5K 2C8

Alberta Housing
Innovative Housing
Grants Program
Fourth Floor
10050 - 12th St
Edmonton, Alberta
T5K 2J1

Atlantic Wind Test Site
P.O. Box 189
Tignish, P E I
C0B 2B0

Atomic Energy of Canada Limited
Whiteshell Nuclear
Research Establishment
Pinawa, Manitoba
R0E 1L0

The Biomass Energy Institute
1329 Niakwa Road
Winnipeg, Manitoba
R2J 3T4

Brace Research Institute
McDonald College
McGill University
P.O. Box 900
Ste. Anne de Belleville
Sud
Montreal, Quebec

Canada Mortgage and Housing Corporation
Cashier, Financial Services Division
P.O. Box 9975
Ottawa, Ontario
K1A 0P7

Canadian Government Publishing Centre
Supply & Services
Canada
Ottawa, Ontario
K1A 0S9

Canadian Home Builders Association
20 Toronto St.,
Suite 400
Toronto, Ontario
M5C 2B8

Canadian Housing Information Centre
C.M.H.C.
National Office
Montreal Rd.
Ottawa, Ontario
K1A 0P7

Canadian Standards Association
178 Rexdale Blvd.
Rexdale, Ontario
M9W 1R3

Canadian Trucking Association
300 - 130 Albert Street
Ottawa, Ontario
K1P 5G4

Consumer & Corporate Affairs Canada
201 - 260 St. Mary Ave.
Winnipeg, Manitoba
R3C 0M6

Consumer's Bureau
114 Garry Street
Winnipeg, Manitoba
R3C 1G1

Energy, Mines & Resources Canada
Communications Branch
Publications Dept.
580 Booth Street
Ottawa, Ontario
K1A 0E4

Environment Canada
Enquiry Centre
Information Directorate
Ottawa, Ontario
KIA 0H3

Manitoba Energy and Mines Info Centre
555 - 330 Graham Ave.
Winnipeg, Manitoba
R3C 4E5

Manitoba Labour
Mechanical &
Engineering Branch
500 - 401 York Avenue
Winnipeg, Manitoba
R3C 0P8

Manitoba Housing and Renewal Corporation
287 Broadway Avenue
Winnipeg, Manitoba
R3C 0R9

Manitoba Hydro
820 Taylor Avenue
P.O. Box 815
Winnipeg, Manitoba
R3C 2P4

Landlord and Tenant Affairs Branch
(Rentalsman)
Manitoba Housing
302 - 254 Edmonton St.
Winnipeg, Manitoba
R3C 3Y4

National Energy Board
473 Albert Street
Ottawa, Ontario
K1A OE5

National Research Council
Publications Sales &
Distribution Office
Bldg. M - 58 Montreal
Road
Ottawa, Ontario
K1A 0R6

Nova Scotia Dept. of Mines & Energy
P.O. Box 668
Halifax, Nova Scotia
B3J 2T3

Transport Canada
Public Affairs Branch
Ottawa, Ontario
K1A 0N5

United States Department of Energy
Office of Public Affairs
Washington, D.C. 20585
U.S.A.

University of Manitoba Bookstore
University Centre
University of Manitoba
Winnipeg, Manitoba
R3T 2N2

Ike Warkentin
Box 50, Group 32
R.R. #1B
Winnipeg, Manitoba
R3C 4A3

Winnipeg Construction Association
290 Burnell Street
Winnipeg, Manitoba
R3G 2A7